REMARKS

Claims 1-18 were examined by the Office, and all claims are rejected. With this response no claims are amended, cancelled or added. Applicant respectfully requests reconsideration of the rejections in light of the following remarks. The independent claims are claims 1 and 17.

Claim Rejections Under § 103

On page 2 of the Office Action, claims 1-7, 14 and 17-18 are rejected under 35 U.S.C. § 103(a) as unpatentable over Osano (U.S. Patent No. 6,961,591) in view of Suzuki et al. (U.S. Patent No. 6,430,217). Applicant respectfully submits that claim 1 is not disclosed or suggested by the cited references, whether alone or in combination, because the cited references fail to disclose or suggest all of the limitations recited in claim 1. The cited references at least fail to disclose or suggest a first contact connected to ground and to an antenna input of a radio receiver, wherein a band-pass filter component is interconnected between the first contact and radio receiver.

On page 3 of the Office Action, the Office acknowledges that Osano fails to disclose that the band-pass filter component is interconnected between the first contact and an antenna input the radio receiver, and relies on Suzuki for this teaching. Applicant respectfully notes that on page 3 of the Office Action the Office refers to Suzuki and Ramsey in the same paragraph. Applicant treats any reference to Ramsey as if the Office intended to refer to Suzuki, since the Office has not introduced Ramsey and does not rely on this reference in rejecting the claims on page 2 of the Office Action. Furthermore, the cited portions cannot correspond to Ramsey because there is no line 25 in column 3 or lines 26-35 in column 4 of Ramsey. Therefore, any reference to Ramsey is treated by applicant as a reference to Suzuki.

However despite the Office's reliance on Suzuki, Suzuki also fails to disclose suggest a band-pass filter interconnected between a first contact and an antenna input of a radio receiver. Figure 2 of Suzuki shows an electronic signal that was converted from speech voice being supplied to a band-pass filter 33 via a microphone jack 32. The electronic signal is then shown traveling through, among other devices, amplifiers 34 and 38 before being transmitted over the antenna 40 by way of the diplexer 39. See Suzuki column 3, lines 33-35. It is apparent that the antenna 40 is acting as an output when it eventually receives the electronic signal from the built-in mircophone 31. Therefore, Suzuki does not disclose or suggest a first contact connected to

ground and to antenna input of a radio receiver, wherein a band-pass filter component is interconnected between the first contact and the radio receiver, as recited in claim 1. In contrast, Suzuki only discloses that when the antenna 40 acts to receive signals, the received signals are transmitted through a low-pass filter, and therefore does not disclose that there the band-pass filter component is interconnected between the first contact and the antenna input of the radio receive. Therefore, for at least this reason claim 1 is not disclosed or suggested by the cited references.

In addition, the Office fails to show that either Osano or Suzuki, alone or in combination, disclose or suggest that the first is connected to ground and to the antenna input of the radio receiver, as recited in claim 1 because there is no motivation or suggestion to combine the cited references. There is no motivation or suggestion to combine the teachings of Osano with Suzuki, because Suzuki does not disclose anything more than what is already disclosed in Osano, other than including the band-pass filter 33 between the amplifier 34 and microphone jack 32. The Office asserts that item 56 in Figures 8A and 8B of Osano corresponds to the first contact recited in claim 1. There is an identical element present in the microphone jack 32 of Suzuki in Figure 2. Therefore, Suzuki does not provide any additional teachings than those disclosed in Osano, and there is no motivation or suggestion to connect the first contact to ground and to the antenna input of a radio receiver with a band-pass filter component interconnected between the first contact and antenna input, as recited in claim 1. Applicant respectfully submits that the Office has engaged in impermissible hindsight reasons by merely piecing together elements from the prior art based on applicant's own disclosure. This is insufficient to establish that the cited references disclose or suggest all of the limitations of claim 1. See MPEP § 2143. Therefore, for at least the reasons discussed above, applicant respectfully submits that claim 1 is not disclosed or suggested by the cited references, alone or in combination.

Independent claim 17 contains limitations similar to those recited in claim 1, and is rejected for the same reasons as claim 1. Therefore, for at least the reasons discussed above in relation to claim 1, independent claim 17 is not disclosed or suggested by the cited references.

Claims 2-7, 14 and 18 all ultimately depend from an independent claim, and are believed to be patentable over the cited references at least in view of their dependencies.

On page 5 of the Office Action, claims 8-13 and 15-16 are rejected under 35 U.S.C. § 103(a) as unpatentable over Osano in view of Suzuki in further view of Ito (U.S. Patent No. 6,203,344). Claims 8-13 and 15-16 all ultimately depend from an independent claim, and are believed to be patentable over the cited references at least in view of their dependencies.

Conclusion

The rejections of the Office Action having been shown to be inapplicable, withdrawal thereof is requested, and passage to issue of the present application is earnestly solicited. The undersigned hereby authorizes the Commissioner to charge deposit account 23-0442 for any fee deficiency required to submit this response.

Respectfully submitted,

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